

BOLDEA, Gh., ing.; DESPA, I., ing.

Working conditions in junction chambers. Telecommunicatii 6
no.4:173-176 JI-Ag '62.

St. DESPA

Instr: 4E3d/4E2c(j)

7
2 May
2

Chromatographic separation of higher alkane-aromatic hydrocarbon mixtures. St. Despa, C. Iftimescu, and A. Iftimescu. *Rev. Roum. Chim.* 1956, 1, 219-38. (1957). The chromatographic sepn. of synthetic mixts. of higher hydrocarbons, such as octadecane, octadecene, octylbenzene, butylnaphthalene, and octadecylnaphthalene has been investigated on a 40-cm. silica-gel column in an attempt to apply this method to the sepn. of the condensation products which result from Friedel-Crafts reactions and cracking of solid paraffin wax. R. D. Silniceanu

TH
4

Fig

GRIGORIU, D., ing.; DESPA, St., ing.; MAZAREANU, L., ing.; TIBREA, E., ing.;
ILEA, M., ing.

Liquid ternary equilibrium furfurol-water-medium oil distillates.
Petrol si gaze 14 no.2:80-86 F '63.

GRIGOI I U, D.; ILEA, M.; CEIANU, M.; DESPA, St.; MAZAREANU, L.; POPESCU, R.

Obtaining aromatic concentrates from gasoline, kerosene, and diesel fuels by extraction with liquid sulfur dioxide. Petrol si gaze 16 no.1:43-52 Ja '65.

GRIGORIU, D.; SCHORR, V.; CEIANU, M.; ILEA, M.; MAZAREANU, L.; DESPA, S.;
PLATON, A1.

Extraction of primary and delayed coking oils obtained from
Nahorkatia crude oil by liquid sulfur dioxide. Petrol si
gaze 14 no.10:509-516 0'63.

GRIGORIU, D., ing.; MAZAREANU, L., ing.; DESPA, St., ing.

Some aspects connected with furfurole recovery in the
installations for gas-oil extraction with furfurole.
Petrol si gaze 15 no.5:248-252 My'64.

GRIGORIU, D.; ILEA, M.; CEIANU, M.; DESPA, St.; MAZAREANU, L.;
POPESCU, R.

Influence of the main parameters on the gas-oil extraction
process with furfurole. Petrol si gaze 15 no. 6:299-305
Je '64.

L 11216-66 T DJ/WE

ACC NR: AP6004960

SOURCE CODE: RU/0007/65/016/001/0043/0052

AUTHOR: Crigoriu, D.; Ilea, M.; Ceianu, M.; Despa, St.; Mazareanu, L.; Popescu, R.

ORG: none

TITLE: Production of aromatic concentrates from kerosene, gasoline, and diesel fuel by extraction with sulphur dioxide

SOURCE: Petrol si gaze, v. 16, no. 1, 1965, 43-52

TOPIC TAGS: sulfur, oxide, kerosene, gasoline, diesel fuel, aromatic hydrocarbon, chemical reaction

ABSTRACT: A description and discussion of the extraction of kerosene, gasoline and Diesel fuel by means of liquid sulfur dioxide. The authors analyze the influence on the quality and quantity of products obtained of the principal extraction parameters (temperature, solvent ratio, number of stages) as well as of the raw materials used. For kerosene extraction the effect of adding a washing medium to the sulphur dioxide is also studied. Orig. art. has: 6 figures and 20 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: none / OTH REF: 012 / SOV REF: 001

HW
Card 1/1

VENULET, Jan; DESPERAK, Anna

Certain pharmacological properties of pyrogen of *E. coli*. Med. dosw. mikroby. 9 no.3:253-258 1957.

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie. Kierownik:
dr med. J. Venulet.

(*ESCHERICHIA COLI*,

pyrogens, pharmacol. (Pol))

(PYROGENS, preparation of,

from *E. coli*, pharmacol. (Pol))

DESPERAK-MACIAZEK, Anna; VENULET, Jan

Effect of a pyrogen from *E. coli* on tissue oxidation and on the activity of certain enzymatic systems in liver cells. Acta physiol. polon. 11 no. 4: 623-633 '60.

1. Z Zakładu Farmakologii Instytutu Leków w Warszawie. Kierownik:
doc.dr. J. Venulet.

(*ESCHERICHIA COLI*)

(LIVER pharmacol)

(PYROGENS pharmacol)

POLAND

DESPERAN, J. KAZEK, Anna, JAKUBOWSKA, Krystyna, JANOWICZ, Mieczyslaw, PRYICKA-ROCKA, Halina, PAWLIKOWSKI, Leszek, and VENCLE, Jan, Department of Pharmacology (Zaklad Farmakologii), Drug Institute (Instytut Lekow) in Warsaw (Director: Desperan, Dr. J. VENCLE)

"Chemotherapeutic and Pharmacologic Properties of Sodium Salts of 5-Aminosalicylic Acid."

Warsaw, Medycyna Doswiadczalna i Mikrobiologia, Vol 15, No 1, 63, pp 45-50.

Abstract: [Authors' English summary] Investigations in vitro and in vivo revealed merely a weak action of the sodium salts of 5-aminosalicylic acid (NAS) upon tubercle bacilli, as well as on experimental tuberculosis in laboratory animals. When tested in vitro, NAS was similar in action but weaker than PAS. Both derivatives are less effective than isonicotinic acid hydrazide or Streptomycin. The toxicity of NAS is slightly higher than that of PAS preparations. All 6 references are by Polish authors (in 1 German, 1 French, and the rest in Polish publication, for unpublished).

1/1

DESPERAK-SACOMSKA, BARBARA

POL . 72

✓ The availability for humans of thiamine and riboflavin in live and nonviable yeast. Irena Jampolek and Barbara Desperak-Sacomcka. Roczniki Państwowego Zakładu Hig. 5, 197-198 (1977). The availability of thiamine (I) and riboflavin, (II) in live and nonviable (boiled for one hour) yeast was determined on a group of 5 healthy adults. Bakers' yeast was used at the level of 100-150 g./day. as a supplement to a controlled basic diet. I and II contents of urine and feces were determined daily. The data obtained show that I and II were quantitatively absorbed from nonviable yeast. From live yeast, however, II was absorbed to a very small extent while I was not absorbed and was eliminated in the feces. Live yeast was also found to deplete the body progressively of dietary I. It is concluded that daily ingestion of 100 g. of live yeast for 3-4 days has a similar effect as if dietary I intake was lowered by about 25%.

Alina S. Szczepaniak

DESPERAK-SECOXSKA, BARBARA

17

POL. 4

✓ Enzymic microbiological method for determining ascorbic and dihydroascorbic acids in the presence of reducing agents. Halina V. Bogdanowa, Barbara Desperak-Sebemska, and Maria Szarzyńska. *Rocznik Państwowego Zakładu Higieny* 5, 327-38(1954)(English summary).—The method of Edzwart and Sharp (C.A. 39, 3582) has been modified to account for the reducing agents which are not completely oxidized in the presence of ascorbic acid oxidase. Alina S. Szczesniak

2

ACC NR: AP6032807

SOURCE CODE: YU/0001/66/000/009/1600/1604

AUTHOR: Borisavljevic, R. (Graduate chemist; Advisor); ~~Despic, A.~~ (Doctor; Graduate engineer; Associate professor); Kosanovic, D. (Graduate engineer; Advisor)

ORG: [Borisavljevic] Research Laboratory "Galenika", Belgrade-Zemun (Razvojne laboratorije "Galenika"); [Despic] Division of Chemical Technology, Belgrade University (Tehnoloskog fakulteta Univerziteta u Beogradu); [Kosanovic] Pharmaceutical and chemical Industry "Galenika", Belgrade-Zemun (Farmaceutsko-hemijske industrije "Galenika")

TITLE: Contribution to the study of methacrylacetone polymerization

SOURCE: Tehnika, no. 9, 1966, 1600-1604

TOPIC TAGS: polymerization, polymerization catalyst, methacrylacetone, methylmethacrylate, intrinsic viscosity

ABSTRACT: Radical type bulk polymerization of methacrylacetone was studied in the 0—100% conversion range at various temperatures (50, 60, 70 and 80C) and with different amounts of $\alpha\alpha'$ -azo-iso-butyronitrile as polymerization catalyst

Card 1/2

UDC: 678.744=861

ACC NR: AP6032807

(0.3%, 0.5% and 1%). The results are compared with those obtained for methyl-methacrylate polymerization. It was found that there is considerable similarity between the two processes with the rate of the former being considerably lower and the gel effect somewhat less pronounced. The change in molecular weight during polymerization was also investigated. The relation between the intrinsic viscosity and the molecular weight $[\eta] = KM^\alpha$ was assumed and the constants were found experimentally to be $K = 6.8 \times 10^{-5}$ and $\alpha = 0.8$. Molecular weight distribution function was obtained by fractionation of a sample of the polymer resulting from polymerization at 50° with 0.5% of the catalyst. Orig. art. has: 3 figures. [Authors' abstract]

SUB CODE: 07/SUBM DATE: none/ORIG REF: 003/SOV REF: 003/OTH REF: 016/

Card 2/2

DESPIC, A. P.

Ion-exchange membranes and their application, p. 1117

TEHNIKA, Beograd, Vol 10, No. 8, 1955

SO: KEAL, Vol 5, No. 7, July 1956

DESPIC, ALEKSANDAR R.

The use of radiotracers¹⁹ for transport number determinations. 1. Theoretical considerations. Aleksandar R. Despic (Technol. fak., Belgrade, Yugoslavia). *Chemist* ~~Kemist~~ *Drustvo, Beograd* 21, 9-18(1956); cf. C.A. 50, 5428b. — An app. is described for transport no. detn., suitable for cells with membrane sepg. the anode from the cathode compartment. The soln. of radioactive cations of a known isotopic compn. is placed in the anode compartment, while the cathode compartment is filled with an inactive soln. of the same ionic concn. The increase in radioactivity in the cathode compartment during electrolysis is a direct measure of the amt. of electricity transported by the labeled ionic species. This can be used for detn. of transport nos. The method proposed is shown to be free of shortcomings of the standard methods. The influence of self-diffusion of the radioactive isotope through the membrane is accounted for and can be eliminated. Z. Nikic

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1/1

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RM2

YUGOSLAVIA / Physical Chemistry. Electrochemistry.

B

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 66948

Author : Despich A. P.

Inst : Not given.

Title : Application of Radioactive Indicators for the
Determination of the Number of Ions Passing
Through a Membrane. I. Theoretical Considerations.

Orig Pub: Glasnic Khem. drushtva, 1956, 21, No 1, 9-18.

Abstract: A new method employing use of radioactive indicators for the determination of the number of ions passing through a membrane was developed. In an electrical cell, a space separating cathode and anode has a membrane. The space around the cathode is filled with a non-radioactive solution of the same concentration as on the other side of a membrane - around the anode, which is filled with

Card 1/2

✓ DESPIC, A. R.

Analysis of Yugoslav turpentine oil obtained from *Pinus nigra*. S. D. Radosavljević and A. R. Despić (Univ. Belgrade). *Bull. soc. chim. Belgrade* 16, 35-48 (1961) (French summary).—Balsam (from 7 different exptl. fields) obtained by the German tapping method and with and without the use of 25% HCl-CaCl₂ (cf. preceding abstr.), was analyzed. The tabulated data comprises: % amts. of turpentine oil, rosin, impurities, H₂O + losses; d_4^{20} or d_4^{25} , n_D^{20} , $[\alpha]_D^{20}$, and fractionation data for the turpentine oils; the results of an exact analysis, by the DuRoijs-Dupont method, of the best turpentine oil (I) (d_4^{20} 0.8551; n_D^{20} 1.4668; $[\alpha]_D^{20}$ -40.32°; $[\alpha]_{436m}^{20}$ -47.77°; $[\alpha]_{436}/[\alpha]_D$ 1.183; wt. % compn.: *l*- α -pinene 94.7, *l*- β -pinene 2.0, *l*- and *dl*-limonene 1.55, *dl*-fenchene 0.92). The balsams contained normal amts. of turpentine oil and of rosin. The compn. of the balsam and the quality of the turpentine oil were not affected by the use of 25% HCl-CaCl₂, except in two cases when crystn. of rosin occurred. A modification of Biot's rule was used to calc. the compn. of fractions contg. more than two terpenes. S. E.

S/081/62/000/024/061/073
B166/B186

AUTHOR: Despić, Aleksandar R.

TITLE: Electrochemical thermal cells. Part I. Theoretical aspects

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1962, 559, abstract
24K145 (Glasnik Khem. drusht. Belgrad, v. 25 - 26, nos. 5, 6,
7, 1960-1961, 255 - 266 [Eng.; Serbo-Croat])

TEXT: The theory of electrochemical thermal cells (ETC) is examined. It is shown that at a thermal e.m.f. of $8.5 \cdot 10^{-2}$ mv/ $^{\circ}$ C ETC can have an efficiency > 0.1 , which exceeds the efficiency factor of normal thermal cells. If several parallel reactions are in progress on the electrodes the thermal e.m.f. is greater. Formulas are derived for determining the efficiency factor and thermal e.m.f. of various types of ETC. [Abstracter's note: Complete translation.]

Card 1/1

DESPIC, Aleksandar R.; JOVANOVIĆ, Danka R. (Miss)

Effect of the electrochemically active intermediates upon the
transient electrochemical phenomena. Pt. 1. Glas Hem dr 25/26
no.8/10:427-442 '60/'61.

1. Institute of Physical Chemistry and Electrochemistry, Faculty
of Technology, University of Beograd, Beograd.

DESPIC, Aleksandar R.; KOSANOVIC, Dura

Contribution to the knowledge of metacrylacetone. Pt. 2.
Glas Hem dr 28 no. 1: 9-18 '63.

1. Tehnoloski fakultet, Zavod za fizicku hemiju i elektrohemiju, Beograd.

JANCIC, Miodrag Dj.; PETROVIC, Cedomir B.; DESPIC, Aleksandar R.; SANJLOV, Dragan D.

A method for obtaining spherical metal powder particles. Glas
Hem dr 29 no.9/10:419-428 '63.

1. Faculty of Technology of the University of Belgrade, Belgrade,
an Institute of Chemical, Technological and Metallurgical Research,
Belgrade. Submitted January 25, 1964.

DESPIC, Aleksandar R., dr dipl. inz.

Present state and prospects for future development of fuel cells. Automatika 5 no.4:308-312 '64.

1. Institute of Chemical, Technological and Metallurgical Research, Faculty of Technology, University of Belgrade, Belgrade.

1ST AND 2ND DEPT
PROCESSES AND PROPERTIES INDEX

2

CA

New method of determining pH. A. De-Spiller (A. P. Serguey). *Zavodskaya Lab.* 6, 1067-70(1940).—In the proposed method the control buffer soln. is titrated instead of the test soln. The whole arrangement is kept in a thermostat and includes the test and control solns. connected by a KCl bridge and joined with a galvanometer. The buffer soln. has a Pt electrode and the test soln. contains quinhydrone and a Pt contact. If the pH of the test soln. is not equal to that of the buffer, a current will flow and the buffer is then titrated from a microburet with 0.1 N oxalic acid until there is no current flowing. The pH is noted, graphically from the curve, of the buffer and acid and also from the amt. of acid added. Similarly the pH is detd. in the titration of Ba(OH)_2 and HCl. Accuracy is 0.01–0.03 pH.

B. Z. Kamich

ASS. SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST DEPT
2ND DEPT

1ST DEPT
2ND DEPT

DESPILLER, A.

Despill-r, A. "Use of titration method for determining the
ph in alcohol making," Vku-sova-a prom-et' SSSR, No. 1, 1948, p. 46-48

SO: U-3264, 10 April 1953, (Letopia 'Zhurnal 'nykh Statey, No. 3, 1949)

DESPILLER, A. D., GURINOVICH, M. A., and ANISIMOVA, Yu. N.

"Concerning the Problem of the Detection of Cadmium in the Presence of Copper," by A. D. Despillar, M. A. Gurinovich, and Yu. N. Anisimova, Vinnitsa Medical Institute, Zhurnal Analiticheskoy Khimii, Vol 11, No 4, Jul/Aug 56, pp 505-507

In view of the fact that cadmium is also reduced when this metal is separated from copper by reducing Cu^{2+} with zinc, it is proposed that the zinc be replaced with aluminum. The experiments described show that aluminum does not reduce the cadmium.

Sum 1239

DESHILLER, A.D.

Graphic method of studying the processes of the formation of solutions. *Gidrokhim. mat.* 38:162-173 '64.

(MIRA 18:4)

1. Vinnitskiy gosudarstvennyy meditsinskiy institut im. Pirogova, kafedra obshchey khimii, Vinnitsa.

LAZAREV, K.G.; DESPILLER, A.D.

Use of the graphic method of studying the formation of the chemical composition of the water of the Amu Darya at its outflow from the mountains. Gidrokhim. mat. 38:179-187 '64.

(MIRA 1874)

1. Gidrokhimicheskiy Institut AN SSSR, Novocherkassk, i Meditsinskiy institut im. N.I.Pirogova, Vinnitsa.

DESPILLER, O.D.; KONAKHOVSKAYA, S.M. [Konakhova'ka, S.M.]; LIPSHITS, Ya.I.
[Lifshits', I.A.I.]

Qualitative analysis of carbocholine. Farmatsev. zhur. 18 no.2:
42-43 '63. (MIRA 17:10)

1. Kafedra obshchey khimii Vinnitskogo meditsinskogo instituta im.
Pirogova i Laboratoriya aptechnogo upravleniya Vinnitskogo oblastnogo
otdela zdravookhraneniya.

DESPOT, Miroslava

The Jankovac Glass Factory; its origin, development and end, 1801-1842. Krm ind 9 no.9:SPK-65 S '60.

DESPOT, Miroslava

Glass factory in Masicka Breznica. Kem ind 9 no.12:SPK-82 D '60.

DESPOT, Miroslava

The Glass Factory in Mrzla Vodica. Kem ind 9 no.9:SPK-66--SPK-67
S '60.

DESPOT, Miroslava, dr.

An interesting document from 1848, relative to the Zvecevo
Glass Factory. Kem ind 12 no.7:538-539 J1'63.

DESPOT, Miroslava

European glass man facture on the Vienna International
Exhibition, 1873. Ken ind 13 no. 2:93-95 F '64.

MLUCHKOV, Khr.,.; DESPOTOV, B.; KONSTANTINOV, K.

Contact beta therapy with radioactive phosphorus (P^{32}) in some cutaneous chronic diseases. Dermato vener Sofia 2 no.3:112-114 '63.

1. Chlen na Redaktionsen suvet, "Dermatologiya i venerologiya" (for Konstantinov).
2. Iz OOD - Burgas (gl.lekar N.Kolev), OKVD - Burgas (gl. lekar K. Konstantinov), Gr. ob. b-tsa - Burgas (gl.lekar P.Ipokdzhian).

DESPOTOV, B.; BOIANOV, B.

Scleroderma-like changes in two patients with acrodermatitis
chronica atrophicans. Dermato vener Sofia 3 no. 3:116-119 '64.

1. Provincial Dermatovenereologic Dispensary, Burgas (Chief
Physician: Despotov, B.).

DESPOTOV, G.

Amateur retransmitting television station TRS-10-2. Radio 1
televiziia 10 no.11/12:341-345 '61.

SPASOV, Sp.; KOLESIKOV, Vl.; DESPOTOV, V.; SAVOVA, Z.; LEVI, S.

Early and remote results of Olbi operation. Khirurgia, Sofia 11 no.5-6:
~~448-560~~ 1958.

1. Iz Sanatoriuma za kostno-stavna tuberkuloza--Pancharevo.
(TUBERCULOSIS, OSTEOARTICULAR, surgery,
Olbi operation (Bul))

DESPOTOV, V.

Device for winding transformers with regulator of the conductor.
Nauka i tekhnika no.10:31 '61.

(Electric transformers)
(Electric conductors)

DESPOTOV, V.

Our experience with surgical therapy of tuberculous synovitis.
Khirurgiya 15 no.2/3:186-188 '62.

1. Iz Bolnitsa za kostno-stavna tuberkuloza - Pancharevo.
(TUBERCULOSIS~~IS~~ OSTEOARTICULAR surg)

LEREOV, Zh.; SPASOV, Sp.; KOLESNIKOV, Vl.; DESPOTOV, V.; ASVAZADURIAN, S.

Remote results of Olbi's operation. Khirurgia 15 no.2/3:
229-231 '62.

1. Iz Bolnitsa za kostno-stavna tuberkuloza - Pancharevo.
(TUBERCULOSIS SPINAL surg)

DESPOTOVIC, A.

Neurosis as a frequent cause of employee absenteeism. p. 4,
(Socijalna i zdravstvena Politika, Vol. 9, No 12, 1956, Beograd, Yugsol-
avia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

STOJILJKOVIC, S., doc., dr; MILOVANOVIC, D., dr; POLEKSIC, J., dr; DESPOTOVIC,
A. dr

Librium in the treatment of some mental patients. Med. glas. 16 no.5:
228-229 My '62.

1. Neuro-psihiјatrijska klinika. Medicinskog fakulteta u Beogradu
(Upravnik: prof. dr U. Jekic)

(TRANQUILIZING AGENTS ther) (MENTAL DISORDERS ther)

DESPOTOVIC, Borivoje, inz. (Beograd, Ohridska 1); DAKOVIC, Ninko, inz.

Productivity and small automation. Tehnika Jug 18 no.1:2-9 Ja '63.

1. Saradnici Jugoslovenskog zavoda za produktivnost rada, Beograd.

PRPIC, Branko, Dr. (Zagreb, Marije Juric Zagorka br. 8)
DESPOTOVIC, Jerka, dr., GEROVAC, Hrvoje, dr.

Ionizing radiation in the industries of Croatia.

Tehnika Jug 18 no. 4: Suppl.: Organizacija rada 13 no. 4: 779-782
Ap '63.

1. Asistenti Instituta za medicinska istrazivanja i medicinu
rada, Zagreb.

*

PRPIC, B.; CEROVAC, H.; LESPOTOVIC, Lj.

Determination of the average ionizing radiation exposure of the personnel. Arh. hig. rada. 14:245-249 '63.

1. Institut za medicinska istrazivanja i medicinu rada, Zagreb.

DESPOTOVIC, P. inz.

The 825-3200 h.p. diesel electric locomotives made in Yugoslavia. Elektroprivreda 16 no.6/7:331-333 Je-Jl'63.

Control of grainy pests with Phosbit. Mirjana Rudovic
and Petar Desjetic (Regional Sta. Protect. Plants, Novi
Sad, Yugoslavia). Zastita Bilja No. 31, 86-91 (English
summary). Observations made on hatching of *Sitophilus*
granarius and *Sitotroga cerealea* demonstrated that 20-25
tablets of Phosbit (1 tablet = 3.1 g.) per ton of cereals
could give 100% control. Phosbit is not inflammable,
non-poisonous, and easy to transport. B. Vuckovic

2

DESPOTCVIC, Prvoslav, ing.

Diesel electric locomotive DEL 825. Energija Hrv 10 no. 7/8:272-273 '61.

DESPOTOVIC, Prvoslav, inz.

Family of diesel electric locomotives made at the Duro Dakovic Works. Zeleznice Jug 19 no. 3:6-15 Mr '63.

MIRNIK, M.; DESPOTOVIC, R.

The silver-silver iodide electrode. II. In English. Croat chem
acta 32 no.3:139-143 '60. (EEAI 10:7)

1. Laboratory of Physical Chemistry, Faculty of Science, University
of Zagreb and Institute "R. Boskovic", Zagreb, Croatia, Yugoslavia.
(Electrodes) (Silver iodide)

MIRNIK, M.; DESPOTOVIC, R.

The silver-silver iodide electrode. II. Croat chem acta 23 no.1:
55 '61.

MIRNIK, M. (Zagreb); DESPOTOVIC, R. (Zagreb)

Heterogeneous exchange of precipitates, IV. Influence of
n-decylamine, K-caprinate, Al^{3+} and Co^{2+} on the $AgI-Ag^+$ exchange.
Croat chem acta 33 no.3:107-110 '61.

1. Institute "Ruder Boskovic" and Laboratory of Physical
Chemistry, Faculty of Science, University of Zagreb, Zagreb,
Croatia, Yugoslavia.

MIRNIK, M.; DESPOTOVIC, R.

Heterogenous exchanges of precipitates III. Exchange of
AgI-Ag⁺. Bul sc Youg 7 no.1/2:20 F-Ap '62.

1. Institut "R. Boskovic," Zagreb.

STROHAL,P.; VLATKOVIC,M.; HERAK,M.J.; DESPOTOVIC,R.; MIRNIK,M.

Production of radionuclides in the Zagreb cyclotron; abstract.
Glas Hem dr 27 no.9/10:482 '64

1. The Ruder Boskovic Institute, Department of Radiochemistry,
Zagreb.

DESPOTOVIC, R.; MIRNIK, M.

Heterogeneous exchange in radionuclide separation. Croat
chem acta 35 no.4:A24 '63.

1. Department of Physical Chemistry, Institute "Ruder Boskovic",
Zagreb, Croatia, Yugoslavia.

DESPOTOVIC, R.; MIRNIK, M.

Heterogeneous exchange studied by the method of radioactive tracers; abstract. Glas Hem dr 27 no.9/10:499 '64

Complex solubility of poorly soluble substances determined by the method of radioactive tracers; abstract. Ibid.:500

1. The Ruder Boskovic Institute, Department of Radiochemistry, Zagreb.

VIATKOVIC, M.; PESPOTOVIC, R.

The preparation of sodium perchlorate labelled with chlorine-36.
Groat chem acta 3: no.3:171-2 2 1964.

I. Ruder Boskovic Institute, Zagreb. Submitted July 21, 1964.

DESPOTOVIC, Radisav, sanitetski kapetan I klase mr. ph.; DINIC, Miodrag,
sanitetski potpukovnik mr. ph.

Comments on the stability of epinephrine and methods for determination of its presence in decomposition products. Vojnosanit. pregl. 22 no.7/8:482-484 J1-Ag '65.

1. Vojna apoteka u Sarajevu, Vojnosanitetski zavod.

DESETOVIC, S.

"Electric calculation of 220-and 380-kv. lines."

Elektroprivreda, Beograd, Vol 7, No 3, May/June 1954, p. 132

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1964, Lib. of Congress

DESPOTOVIC, S.

"Series Capacitors as a Means to Increase the Transmission Capacity in High-voltage Lines." (ELEKTROPRIVREDA, Vol. 7, no. 6, Nov./Dec. 1954. Beograd, Yugoslavia.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

DESPOTOVIC, Slobodan (Eng.)

"A characteristic of the transmission of electric power to a great distance by high voltage lines"

SO: ELEKTROPRIVREDA, May - June 1955 (EEAL-LC), Vol. 4, No. 11, Nov, 55 (over)

DESPOTCIVIC, S.

Method of equal surfaces as a measure for determining transient
stability limits. p. 82. Vol 8, no. 2, Mar./April 1955--Elektroprivreda.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, Feb. 1956

DESPOTOVIC, S.

Method for selecting economical overhead electric lines for transmitting high-tension electric power. p. 63. ELEKTROPRIVREDA. (Savet za energetiku i ekstraktivnu industriju) Beograd. Vol. 9, no. 2, Feb. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

DESPOTOVIC, S.

DESPOTOVIC, S. Network analyzer as a means for studying high-tension lines.
p. 221

Vol. 9, no. 4/5, Apr./May 1956
ELEKTROPRIVERDA
TECHNOLOGY
Beograd

So: East European Accession, Vol. 6, no.3, March, 1957

DESPOTOVIC, S.

DESPOTOVIC, S. The measurement of asymmetric short circuits in interconnected three-phase lines by means of a network analyzer; one method for determining the current and voltage distribution in asymmetric short circuits. p. 62"

Vol. 9, no. 11/12, Nov./Dec. 1956

ELEKTROPRIVERDA

TECHNOLOGY

Beograd

So: East European Accession, Vol. 6, No. 3, March 1957

DESPOTOVIC, S.

High-speed circuit breakers as a means for improving the power system stability.
p. 143.

(Elektroprivreda, Vol. 10, no. 3, Mar. 1957. Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

DRSNOVIC, S.

Static stability and its significance in the transmission of electric power at great distances by high-voltage lines.

p. 434 (Elektroprivreda. Vol. 10, no. 10, Oct. 1957. Belgrad, Yugoslavia)

Monthly Index of East European Accessions (MEAI) 10. Vol. 7, no. 2,
February 1958

8(3)
AUTHOR: Despotović, Slobodan, Doctor of Engineering YUG/3-58-12-19/27
TITLE: Load and Power Balance in Complex Electric Grids
(Bilans snage i energije u složenim električnim mrežama)
PERIODICAL: Elektroprivreda, 1958, Nr 12, p 622
ABSTRACT: This is a brief article based on an article by A. Kroms: "Leistungs- und Energiebilanz der Verbundsysteme", published in the Austrian periodical "OZE", 1958, Nr 6 and 8.

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8(3)
AUTHOR: Despotović, Slobodan, Doctor of Engineering YUG/3-58-12-22/27
TITLE: Rommerskirchen - Hoheneck 380-kv Transmission Line
(Vod 380 kV Rommerskirchen - Hoheneck)
PERIODICAL: Elektroprivreda, 1958, Nr 12, pp 625 - 626
ABSTRACT: This is based on an article by Hans Gloyer, Rudolf Kuchler, Jozef Drabeck and Karl Schloser on "Die Deutsche 380-kV Übertragung", published in the German periodical "ETZ", 1958, Nr 7.

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DESPOTOVIC, Slobodan

Determination of the B_{mn} coefficients of the loss formula in electric systems. Zbor Ins Tesla 3:51-77 '60.

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1. Institut "Nikola Tesla" u Beograd.

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Means for the analysis and planning of electric power systems.
Elektroprivreda 15 no.2/3:65-71 F-Mr '62.

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Belgrade in 1961. Elektropriroda 15 no.5:227-234 My '62.

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Determining the matrices of the self-impedances and mutual impedances in electric-power systems. Elektroprivreda 15 no.9/10:440-447 S-0 '62.

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Bases for the study of the power and voltage distribution in
digital computers. Elektropriroda 16 no.3/4:147-153 Mr-Ap
'63.

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rating. Elektroprivreda 16 no.5:209-212 My '63.

MITRAKOVIC, B.; ~~DESPOTOVIC~~, S.; MILJANIC, P.; SKENDZIC, D.; VOLCKOV, I.

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in 1962. Elektroprivreda 16 no.10:506-519 0'63.

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Studies of short-circuit currents with the aid of digital computers. Elektropriroda 16 no.9:411-424 S '63.

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Bases for the formation of Bmmatrices in the electric-
power systems on digital computers. Elektroprivreda 17
no. 2:101-107 F '64.

F

Country : YUGOSLAVIA
Category: Laboratory Equipment. Instrumentation

Abs Jour: RZhKhim., No 17, 1959, No. 60655

Author : Despotovic, Z.

Inst : -

Title : Simple Laboratory Apparatus for the Obtainment of
Monocrystals in Accordance with the Choldran-
skiy's Method

Orig Pub: Tehnika, 1958, 13, No 10, Rud. i Metalurg., 9,
No 10, 222-223

Abstract: Presented are, a scheme and a short descrip-
tion of the apparatus for the obtainment of mono-
crystals up to 10 cm in length and 50 gr in
weight. The apparatus consists of a vacuum,
electric furnace equipped with thermal controls,

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E-49 F-1

Country : YUGOSLAVIA

Category: Laboratory Equipment. Instrumentation

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Abs Jour: RZhKhim., No 17, 1959, No. 60655

and of the installation proper for the growing
of monocrystals.

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A laboratory apparatus for single crystal preparation by Czochlarski method. Croat chem acta 32 no.2:115-116 '60. (EEAI 10:4)

1. Department of Structural and Inorganic Chemistry, Institute
"Ruder Boskovic," Zagreb, Croatia, Yugoslavia.
(Chemical apparatus) (Germanium) (Crystals)

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2. USSR (600)
4. Lenses
7. Homemade lenses for a demonstration disk. Fiz.v shkole 12 no. 6 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953.

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"An Experiment in the Use of Overhand
Stoping With Packing of Worked Areas at
the Chikoy Molybdenum Deposit", Tsvet.
Met. 14, No. 2, Feb. 1939.

Report U-1506, 4 Oct. 1939

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"The Technical-Economical Determination
on Some Elements of Separate Excavation" (Ore Mining).
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Which the Authors Have Found in Their
Article 'The Technical and Economical
Determination of Some Elements of Sep-
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1939"

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CIA-RDP86-00513R000310220

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works. Gig. sanit., Moskva No.12:27-30 Dec 51. (CJML 21:4)

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Reasons for methane formation and a decrease of oxygen content
in manganese mines. Gor.shur. no.9:59 S '55. (MIRA 8:8)
(Mine gases)

DESPOULI, L.V., dotsent.

Use of polyvinyl chloride fabrics for ventilation pipes and
flexible coverings. Gor. zhur. no.4:79 Ap '57. (MLRA 10:5)

1. Novocherkasskiy politekhnicheskii institut.
(Vinyl polymers) (Mine ventilation)

DRAPPOV, I. I.V., document.

Obtaining of end copper in mine waters. Gor.zhur. no. 24-11
3-1977. (NLEPA 1019)

1. Novosibirskiy politicheskii institut.
(Copper mines and mine waters) (Leaching) (Mine water)

~~DESPOTILL~~ ~~Int. Vys.~~ gorny inzh., referent

Copper leaching at the Cananea mine (from foreign journals).

Gor. zhur. no.10:21-22 0 '58.

(MIRA 11:10)

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DESPOTILI, L.

"Dust-moistening effectiveness of petroleum soap in the Nikitovka mine.
Tr. from the Russian."

p. 61 (Minno Delo, Vol. 13, no. 2, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 1,
September 1958

DESPOTULI, L.V., dotsent

System of inclined layers with shrinkage stoping. Izv. vys.
ucheb. zav.; gor. zhur. 6 no.6:17-20 '63. (MIRA 16:8)

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Rekomendovana kafedroy razrabotki poleznykh iskopayemykh.
(Mining engineering)

L 11237-55 EWT(m)/EWA(c) WW/JWD
ACC NR: AP6001346

SOURCE CODE: UR/0127/65/000/012/0033/0035
39

AUTHOR: Despotuli, L. V. (Docent)

ORG: Novocherkassk Polytechnical Institute (Novocherkasskiy politekhnicheskiy institut)

TITLE: Increasing the effective use of blasting energy by using explosive charges with inert cores

SOURCE: Gornyy zhurnal, no. 12, 1965, 33-35

TOPIC TAGS: explosive, explosive charge, solid explosive

ABSTRACT: The author reports on the use of explosive charges with inert cores for producing an axial or lateral charge-shape effect. Experiments were conducted to determine the optimum ratio between core diameter and charge diameter. The experimental curve for end-face brisance as a function of the diameter of an inert wooden core gives a good approximation of a parabola. The vertex of this parabola gives the optimum diameter for an axial core. Studies of various types of shells for end-face and lateral brisance showed that the optimum diameter of the core is directly proportional to the diameter of the explosive charge and is independent of the type of explosive and the core material. The expression relating the two diameters is

UDC: 622.235.254

11237-56

ACC NR: AP6001346

$$d = 0.28(D - 10.5),$$

where d is the optimum core diameter and D is the charge diameter, both in mm. It was found that circular cores are 25% more effective than those with a square cross section. Steel, glass, and wood (pine) cores were tested. It was shown that wood is the best material for cores because of its low acoustical rigidity. Therefore, it may be assumed that cork, rubber, foam plastic, aluminum, magnesium, and many other materials may be as effective as wood or even better for the same reason. In addition, magnesium and aluminum would take part in the explosion and increase its effect. The experimental data show that the cost of the wooden cores is 0.03 copeck per cubic meter of blasted material. Orig. art. has: 3 figures. and 3 tables. [14]

SUB CODE: 19/

SUBM DATE: none/ ATD PRESS: 4/73

OTH REF: OAK

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